

ABSTRACT

A process for extracting flax protein concentrate from flax meal is disclosed wherein flax meal is added to an aqueous acidic solution to form a first mixture having a solid fraction and an aqueous fraction containing water soluble-carbohydrates. The mixture is separated and the solid fraction is then hydrolyzed using a lipolytic enzyme. An aqueous alkali solution is then added to the hydrolyzed solution to form a second mixture having a second aqueous fraction containing said flax protein, and a second solid fraction. The second mixture is then separated into the aqueous fraction and the solid fraction, such that the second aqueous fraction may be evaporated to recover the flax protein.